

Appl. No. 10/656,991
Amendment Dated June 1, 2004
Reply to Office action of March 25, 2004

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A boot seal comprising:
a first end;
a second end; and
a boot seal wall extending between the first end and the second end, the boot seal wall comprising an inner layer resistant to grease and an outer layer resistant to ozone wherein each layer comprises a different material.
2. Canceled
3. Canceled
4. (Original) The boot seal of claim 1 wherein the inner layer comprises hydrogenated nitrile and the outer layer comprises ethylene propylene diene rubber.
5. (Original) The boot seal of claim 1 wherein the outer layer and the inner layer are made from elastomers.
6. (Original) The boot seal of claim 5 wherein the elastomers comprise rubbers and thermoplastic elastomers.
7. (Original) The boot seal of claim 1 wherein the outer layer and the inner layer are bonded together.

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8. (Original) The boot seal of claim 1 wherein the outer layer and the inner layer are glued together.
9. (Original) The boot seal of claim 1 wherein the outer layer is circumjacent to the inner layer.
10. (Original) The boot seal of claim 1 further comprising a compliance layer intermeshed with the bonding region between said inner layer and said outer layer.
11. (Currently Amended) A boot seal for sealing a joint comprising:
a first end adapted to connect to a first joint part;
a second end adapted to connect to a second joint part; and
a boot seal wall extending between the first end and the second end, the boot seal wall comprising an inner layer resistant to grease and an outer layer resistant to ozone wherein each layer comprises a different material.
12. Canceled
13. Canceled
14. (Original) The boot seal of claim 11 wherein the inner layer comprises hydrogenated nitrile and the outer layer comprises ethylene propylene diene rubber.
15. (Original) The boot seal of claim 11 wherein the outer layer and the inner layer are made from elastomers.
16. (Original) The boot seal of claim 15 wherein the elastomers comprises rubbers and thermoplastic elastomers.

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17. (Original) The boot seal of claim 11 wherein the outer layer and the inner layer are bonded together.
18. (Original) The boot seal of claim 11 wherein the outer layer and the inner layer are glued together.
19. (Original) The boot seal of claim 11 wherein the outer layer is circumjacent to the inner layer.
20. (Original) The boot seal of claim 11 further comprising a compliance layer intermeshed with the bonding region between said inner layer and said outer layer.
21. (Currently Amended) A method of producing a dual layer boot seal comprising an inner layer and an outer layer, the method comprising:
 providing a first material resistant to grease;
 providing a second material resistant to ozone;
 molding the boot seal such that the first material forms the inner layer and the second material forms the outer layer.
22. Canceled
23. (Original) The method of claim 21 wherein the first material and the second material are elastomers.
24. (Original) The method of claim 23 wherein the elastomers comprise rubbers and thermoplastic elastomers.
25. (Original) The method of claim 21 further comprising a step of bonding the first material and the second material.

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26. (Original) The method of claim 21 wherein molding comprises injection molding or blow molding.
27. (Original) The method of claim 21 wherein the inner layer and the outer layer are simultaneously dual injection molded.
28. (New) The boot seal of claim 1 wherein the inner layer includes an end region and the outer layer extends over the end region of the inner layer.
29. (New) The boot seal of claim 1 wherein the inner layer includes a tapered end region that terminates at an end of the outer layer.